

DEC 28 2004



Fitch, Even, Tabin & Flannery

Intellectual Property Law

F A C S I M I L E

Name: U.S. Patent & Trademark Office
FAX: (703) 872-9306
Application No.: 09/976,776
Filing Date: October 12, 2001
Inventor: FRIES et al.
Art Unit: 1744
Examiner: Jastrzab, Krisanne Marie
From: Steven M. Freeland, Reg. No. 42,555
Today's Date: December 28, 2004
Attorney Docket No.: 71715/5102
Pages: 20 pages (including this 1-page coversheet)
Dispatched by: Leticia M. Hillary

Transmitted herewith for filing via facsimile:

Transmittal Form (1 pg.);
Fee Transmittal, in duplicate (2 pgs.);
Amendment "A" (16 pgs.);
Fax coversheet (1 pg.)

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PTO/S&21 (09-04)

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Form**

(to be used for all correspondence after initial filing)

Application Number	09/976,776
Filing Date	October 12, 2001
First Named Inventor	FRIES
Art Unit	1744
Examiner Name	Jastrzeb, Krisanne Marie
Attorney Docket Number	71715/5102

Total Number of Pages in This Submission 20

ENCLOSURES (CHECK ALL THAT APPLY)☒ Fee Transmittal Form (2 pgs.)☐ Fee Attached☒ Amendment/Reply (16 pgs.)☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/Incomplete Application☐ Response to Missing Parts Under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ Landscape Table on CD☐ After Allowance Communication to Technology Center (TC)☐ Appeals Communication to Board of Appeals and Interferences☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below): (1 pg.)

1) Fax Cover Sheet

Remarks:

Customer Number: 22242

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm name Fitch, Even, Tabin & Flannery

Signature

Printed Name

Steven M. Freeland

Reg No.

42,555

Date

December 28, 2004

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December 28, 2004

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FOR FY 2005**

Express Mail Label No.

☐ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$900.00)**Complete if Known**

Application Number	09/976,776
Filing Date	October 12, 2001
First Named Inventor	FRIES
Examiner Name	Jastrab, Kisanne Marie
Art Unit	1744
Attorney Docket No.	71715/5102

METHOD OF PAYMENT (Check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 06-1135 Deposit Account Name: Fitch, Even, Tabin & Flannery

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FEE CALCULATION**1. BASIC FILING FEE, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	600	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims 38 -31 (HP) = 7 **Extra Claims** 7 **Fee (\$)** \$50.00 **Fee Paid (\$)** \$350.00

HP = highest number of total claims paid for, if greater than 20

Indep. Claims 3 or HP = 3 **Extra Claims** 0 **Fee (\$)** 0 **Fee Paid (\$)** 0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity). For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets 100 **Extra Sheets** 0 **Number of each additional 50 or fraction thereof** 0 **Fee (\$)** 0 **Fee Paid (\$)** 0

0 -100= 0 /50= 0 (round up to a whole number) X 0 **Fee Paid (\$)** 0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	42,555	Telephone	(858)552-1311
Name (Print/Type)	Steven M. Freeland	Date	December 28, 2004		

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FOR FY 2005**

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Complete if Known

Application Number	09/976,778
Filing Date	October 12, 2001
First Named Inventor	FRIES
Examiner Name	Jastrzab, Krisanne Marie
Art Unit	1744
Attorney Docket No.	71715/5102

☐ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$900.00)**METHOD OF PAYMENT (Check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 08-1135 Deposit Account Name: Fitch, Even, Tabin & Flannery

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge Fee(s) indicated below☐ Charge Fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.**FEE CALCULATION****1. BASIC FILING FEE, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description
 Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent
 Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent
 Multiple dependent claims

Multiple dependent claims				Multiple Dependent Claims	
<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee(\$)</u>	<u>Fee Paid (\$)</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
38	-31(HP) = 7	X \$50.00 =	\$350.00	_____	_____
HP = highest number of total claims paid for, if greater than 20					
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee(\$)</u>	<u>Fee Paid (\$)</u>		
_____	- 3 or HP = _____	X _____ =	_____		
HP = highest number of Independent claims paid for, if greater than 3					

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 For each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

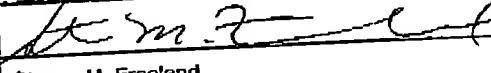
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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-100= _____ /50= _____		(round up to a whole number) X	_____	_____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	42,555	Telephone	(858)552-1311
Name (Print/Type)	Steven M. Freeland	Date	December 28, 2004		

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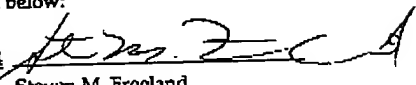
Appln. No.: 09/976,776
Applicants: FRIES et al.
Filed: October 12, 2001
Title: FLUID FLOW PATH FOR A FLUID
TREATMENT SYSTEMS USING LIGHT FOR
THE DECONTAMINATION OF FLUID
PRODUCTS
Examiner: Jastrzab, Krisarune Marie
Art Unit: 1744
Customer No.: 22242
Confirm. No.: 2210

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Date


Steven M. Freeland
Registration No. 42,555
Attorney for Applicants

AMENDMENT A

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Office Action mailed September 28, 2004 Applicants provide the following:

Amendments to the Specification begin on page 2.

Amendments to the Claims are reflected in the Listing of Claims that begins on page 3.

Remarks begin on page 12.

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